Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 11 Mar 2021 until 23:59 on Friday 12 Mar 2021

Forecast Issued on Wednesday 10 Mar 2021 at 12:19

Confidence: High for continuing unsettled with showers or longer periods of rain and summit snow. Confidence lowering for timing of worst of the weather in the outlook period.

Headline for Thursday 11 Mar 2021: Gale summit winds easing a touch around dawn. Showers by day.

Mountain weather hazards on Thursday 11 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Light rain showers	Sunny intervals	Heavy snow showers	Light snow showers	Light snow showers (night)
Precipitation probability							
70%	90%	80%	30%	20%	40%	40%	30%

Forecast for Thursday 11 Mar 2021

Weather: Band of rain spreading from the west overnight, coupled with severe gale summit winds, with both clearing to the east around dawn. Sunshine and scattered showers for Thursday with heavier outbreaks during the afternoon, bringing a small risk of hail and thunder. Snow level lowering to around 500m from late morning. Clear spells and scattered showers continuing through the evening.

Chance of cloud free mountain/hill tops above 600m: 80% by day for any given time, but due to the showery nature of the flow 10% or less for the duration of longer walks.

Visibility: Generally good becoming moderate or poor in showers, less in later snow showers and also in cloud which lowers 500-700m sporadically.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 11 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	40/54 SW	44/60 SW	41/58 W	36/51 W	33/48 W	27/41 W	25/38 W	27/40 W	27/40 SW
300	30/44 SW	35/52 SW	34/52 W	31/48 W	27/43 W	23/38 W	18/29 W	20/32 W	21/32 SW
Valley	19/43 SW	24/50 SW	26/53 W	24/47 W	22/45 W	19/39 W	15/33 W	15/34 W	16/33 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-2	4/-4	4/-4	1/-7	2/-5	2/-4	0/-7	-0/-8	-0/-8
300	7/2	6/-0	6/-0	4/-3	5/-1	5/-0	3/-3	3/-3	2/-4
Valley	8/4	7/2	6/1	4/-1	6/1	6/1	3/-1	3/-2	3/-2
Freezing Level*	1200m	1100m	1100m	700m	600m	600m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe gale force summit winds making walking very difficult overnight, particularly in the driving rain and extensive hill fog. Significant wind chill through the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 10 Mar 2021	N/A	N/A	N/A

Forecast for Friday 12 Mar 2021

Weather: Sunshine and occasional showers by day with snow level around highest summits. Band of rain and summit snow reaching from the west towards midnight.

Maximum wind: West or Southwest initially mean 20-25mph with gusts reaching 40mph across most exposed ridges and summits, easing a touch by mid-morning

Chance of cloud free mountain/hill tops above 600m: 75% for any given time, but due to the showery nature of the flow 10% for the duration of longer walks.

Visibility: Generally good becoming moderate or poor in showers, less in snow showers and also in cloud which lowers 500-700m sporadically.

Temperature: **Valleys:** Plus 3 Celsius increasing 8 Celsius during the afternoon
At 600m: Zero to minus 2 Celsius
Freezing level: 500-600m

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